CLAIMS

WHAT IS CLAIMED IS:

1.   A method of forming printed content, said method comprising:

creating one or more print files including data that defines said printed content such that said print files adhere to a pre-defined format; and

using said print files to render said printed content to a print device;

wherein said pre-defined format is configured to allow said print files to be modified after said print files have been initially created.

2.   The method of claim 1, further comprising:

parsing said data in said print files for valid data;

wherein said printed content is printed only if said data in said print files is valid data.

3.   The method of claim 2, wherein said step of parsing said data in said print files for valid data comprises validating said data against a schema.

4.   The method of claim 1, wherein said print files comprise:

a content file defining a number of modifiable text elements and a number of modifiable image elements associated with said printed content; and

a layout file defining modifiable layout attributes of said text elements and said image elements.

5.   The method of claim 4, further comprising naming said content file and said layout file in a manner that allows a processor to distinguish between said content file and said layout file.

6. The method of claim 4, further comprising dynamically modifying said layout attributes to adapt to a particular print geometry.

7. The method of claim 1, wherein said one or more print files comprise a single print file, said print file defining:

a number of modifiable text elements;

a number of modifiable image elements; and

layout attributes of said text elements and said image elements.

8. The method of claim 1, wherein said print files are text-based.

9. The method of claim 8, wherein said print files are created in Extensible Markup Language (XML).

10. The method of claim 1, wherein said step of creating said print files comprises:

combining descriptor terms with file-specific information;

wherein said descriptor terms distinguish data in said print files between a number of text elements, a number of image elements, and layout attributes corresponding to said text and image elements.

11. The method of claim 1, wherein said printed content is associated with an optical disc.

12. A method of printing an optical disc label, said method comprising:

creating one or more print files including data that defines said optical disc label such that said print files adhere to a pre-defined format; and

using said print files to render said optical disc label to a print device;

wherein said pre-defined format is configured to allow said print files to be modified after said print files have been initially created.

13.　The method of claim 12, further comprising:

parsing said data in said print files for valid data;

wherein said printed content is printed only if said data in said print files is valid data.

14.　The method of claim 13, wherein said step of parsing said data in said print files for valid data comprises validating said data against a schema.

15.　The method of claim 12, wherein said print files comprise:

a content file defining a number of modifiable text elements and a number of modifiable image elements associated with said optical disc label; and

a layout file defining modifiable layout attributes of said text elements and said image elements.

16.　The method of claim 15, further comprising naming said content file and said layout file in a manner that allows a processor to distinguish between said content file and said layout file.

17.　The method of claim 15, further comprising dynamically modifying said layout attributes to adapt to a particular optical disc.

18.　The method of claim 12, wherein said one or more print files comprise a single print file, said print file defining:

a number of modifiable text elements associated with said optical disc label;

a number of modifiable image elements associated with said optical disc label; and

layout attributes of said text elements and said image elements.

19.   The method of claim 12, wherein said one or more print files are text-based.

20.   The method of claim 19, wherein said print files are created in Extensible Markup Language (XML).

21.   The method of claim 12, wherein said step of creating said print files comprises:

combining a descriptor term with a quantity of file-specific information;

wherein said descriptor terms distinguish data in said print files between a number of text elements, a number of image elements, and layout attributes corresponding to said text and image elements.

22.   A system for forming printed content, said system comprising:

an application resident in a storage unit, said application configured to create one or more print files including data that defines said printed content such that said print files adhere to a pre-defined format;

a print device configured to print said printed content; and

a processor configured to use said print files to render said printed content to said print device;

wherein said pre-defined format is configured to allow said print files to be modified after said print files have been initially created.

23.   The system of claim 22, wherein said print device prints said printed content only if said data in said print files is valid data.

24.   The system of claim 23, wherein said application is configured to validate said data against a schema.

25.   The system of claim 24, wherein said print files comprise:

a content file defining a number of modifiable text elements and a number of modifiable image elements in said printed content; and

a layout file defining modifiable layout attributes of said text and image elements.

26.   The system of claim 25, wherein said content file and said layout file are named in a manner that allows said processor to distinguish between said content file and said layout file.

27.   The system of claim 25, wherein said processor automatically modifies said layout attributes to adapt to a particular print geometry.

28.   The system of claim 22, wherein said one or more print files comprise a single print file, said print file defining:

a number of modifiable text elements;

a number of modifiable image elements; and

layout attributes of said text and image elements.

29.   The system of claim 22, wherein said print files are text-based.

30.   The system of claim 29, wherein said print files are created in Extensible Markup Language (XML).

31.   The system of claim 22, wherein said application is further configured to:

combine descriptor terms with file-specific information;

wherein said descriptor terms distinguish data in said print files between

a number of text elements, a number of image elements, and layout attributes corresponding to said text and image elements.

32.   The system of claim 22, wherein said printed content is associated with an optical disc.

33.   The system of claim 22, wherein said printed content comprises a label.

34.   A system for printing an optical disc label, said system comprising:
an application resident in a storage unit, said application configured to create one or more print files comprising data that defines said optical disc label such that said print files adhere to a pre-defined format;
a print device configured to print said optical disc label; and
a processor configured to use said print files to render said optical disc label to said print device;
wherein said pre-defined format is configured to allow said print files to be modified after said print files have been initially created.

35.   The system of claim 34, wherein said print device prints said optical disc label only if said data in said print files comprises valid data.

36.   The system of claim 35, wherein said application is configured to validate said data against a schema.

37.   The system of claim 36, wherein said print files comprise:
a content file defining a number of modifiable text elements and a number of modifiable image elements included in said optical disc label; and
a layout file defining modifiable layout attributes of said text and image elements.

38.   The system of claim 37, wherein said content file and said layout file are named in a manner that allows said processor to distinguish between said content file and said layout file.

39.   The system of claim 37, wherein said processor automatically modifies said layout attributes to adapt to a particular optical disc.

40.   The system of claim 34, wherein said one or more print files comprise a single print file, said print file defining:

a number of modifiable text elements associated with said optical disc label;

a number of modifiable image elements associated with said optical disc label; and

layout attributes of said text and image elements.

41.   The system of claim 34, wherein said print files are text-based.

42.   The system of claim 41, wherein said print files are created in Extensible Markup Language (XML).

43.   The system of claim 34, wherein said application is further configured to:

combine descriptor terms with file-specific information;

wherein said descriptor terms distinguish data in said print files between a number of text elements, a number of image elements, and layout attributes corresponding to said text and image elements.

44.   A system for forming printed content, said system comprising:

means for creating one or more print files including data that defines said printed content such that said print files adhere to a pre-defined format; and

means for using said print files to render said printed content to a print device;

wherein said pre-defined format is configured to allow said print files to be modified after said print files have been initially created.

45.   The system of claim 44, further comprising:

means for parsing said data in said print files for valid data;

wherein said printed content is printed only if said data in said print files is valid data.

46.   The system of claim 44, wherein said means for creating said print files comprises:

means for combining descriptor terms with file-specific information;

wherein said descriptor terms distinguish data in said print files between a number of text elements, a number of image elements, and layout attributes corresponding to said text and image elements.

47.   A processor readable medium having instructions thereon for:

creating one or more print files including data that defines said printed content such that said print files adhere to a pre-defined format; and

using said print files to render said printed content to a print device;

wherein said pre-defined format is configured to allow said print files to be modified after said print files have been initially created.

48.   The processor readable medium of claim 47, further comprising instructions for:

parsing said data in said print files for valid data;

wherein said printed content is printed only if said data in said print files is valid data.